



Finnexx Rovoline R2 Extra

High Performance Multigrade Engine Oils

PRODUCT DESCRIPTION

Finnexx Rovoline R2 extra, 15W40 is a highly shear stable, multigrade passenger car engine oil of high performance with enhanced capability for high temperature running and cold start operations.

Finnexx Rovoline R2 extra, 15W40 has been formulated from synthetic and mineral base oils, together with a high-performance additive package and a viscosity index improver which provides shear stability.

CUSTOMER BENEFITS

- Quality gasoline engine oil which is also perfectly suited for automotive diesel engines.
- Provides additional advantages, in comparison with mineral oil products in the area of higher thermal stability, wide range viscosity-temperature characteristics and good low temperature fluidity.
- Has been developed to offer a quality which satisfies the needs of passenger cars, whether they have gasoline or diesel engines, are turbo-charged or not.
- Shows low oil consumption tendency and is particularly recommended for modern high output engines, including those incorporating leaner burn gasoline engine technology and those equipped with catalytic exhaust systems.
- Will protect against engine failure and against engine performance deterioration, thereby reducing maintenance and repair costs.

APPLICATIONS

For gasoline engines requiring API SL and the ACEA A3 performance, offering protection against black sludge, wear and oil oxidation.

For diesel engines requiring API CF, ACEA B3 and B4 performance together with diesel engine manufacturers' performance, demonstrates that Extra Motor Oil 15W-40 offers the benefits of a high quality diesel engine lubricant. Extra Motor Oil also provides protection in engines where oils are recommended meeting the former API SJ/SH/SG/CD and/or the former CCMC G5 or PD2 performance.

PERFORMANCE

ACEA A3/B4-04 (includes A3/B3-04)

API SL/CF (licensable)

VW 505.00

501.01/505.00

Daimler MB 229.1

TYPICAL TEST DATA

Characteristic	Test methods	Results
Density at 15°C, kg/l	ASTM D4052	0.873
Kinematic viscosity at 40°C, mm ² /s	ASTM D445	100
Kinematic viscosity at 100°C, mm ² /s	ASTM D445	14.6
Viscosity Index	ASTM D2270	151
Cranking viscosity at -25°C, mPa.s	ASTM D5293	6500
Pumping viscosity at -30°C, mPa.s	ASTM D4684	24400
HTHS at 150°C, mPa.s	CEC-L-36-A-90	3.95
Shear stability 30 cycles	CEC-L-14-A-93	
Viscosity Loss, %		11
Pour Point, °C	ASTM D97	-27
Flash Point COC, °C	ASTM D92	224
Noack volatility, %wt	CEC-L-40-A-93	12.1
Total Base Number, mg KOH/g	ASTM D2896	7.7
Sulphated Ash, %wt	ASTM D0874	0.9
Elemental Analysis		
Boron, %wt	ICP	0.01
Zinc, %wt	X-Ray/ICP	0.10
Calcium, %wt	X-Ray/ICP	0.24
Sulphur, %wt	X-Ray	0.6
Phosphorus, %wt	X-Ray/ICP	0.09
Nitrogen, %wt	ASTM D5762	0.07
Foam Seq I, II, III ml after blowing, ml	ASTM D892	0
Foam Sequence I, II, III after 10', ml	ASTM D892	0
Colour	ASTM D1500	L4.0
Copper corrosion, 3 hrs at 100°C	ASTM D130	1A

Health & Safety Note – Always maintain good levels of personal hygiene when handling engine oils. Wash hands and skin areas where contact has occurred and avoid ingestion. See applicable Material Safety data Sheet for further information.